

FIG. 1

The diagram illustrates the structure of an MPEG file (104) and its relationship to video frames. It is organized into three main layers:

- PES LAYER:** The top layer, labeled "PES LAYER" and "MPEG FILE 104". It consists of a sequence of PES packets. One packet, labeled 250, is shown in detail.
- TRANSPORT LAYER:** The middle layer, labeled "TRANSPORT LAYER". It shows the internal structure of the PES packet 250. The packet is divided into:
 - PES HDR (248):** The header portion of the packet.
 - Video Data:** A sequence of video data blocks labeled V, A, C, T, P, V, A, V, V, V, A, V. These are numbered 251 through 261 above them.
- VIDEO LAYER:** The bottom layer, labeled "VIDEO LAYER". It shows the video frames corresponding to the data in the transport layer:
 - FRAME "F":** A video frame that receives data from the first V block (251) and the subsequent A blocks (252, 253, 254, 255, 256, 257, 258, 259, 260, 261).
 - FRAME "G":** A video frame that receives data from the V block (261).

Arrows indicate the flow of data from the PES layer to the transport layer, and from the transport layer to the video frames. Brackets are used to group related elements within each layer.

FIG. 2

007650" 6605950

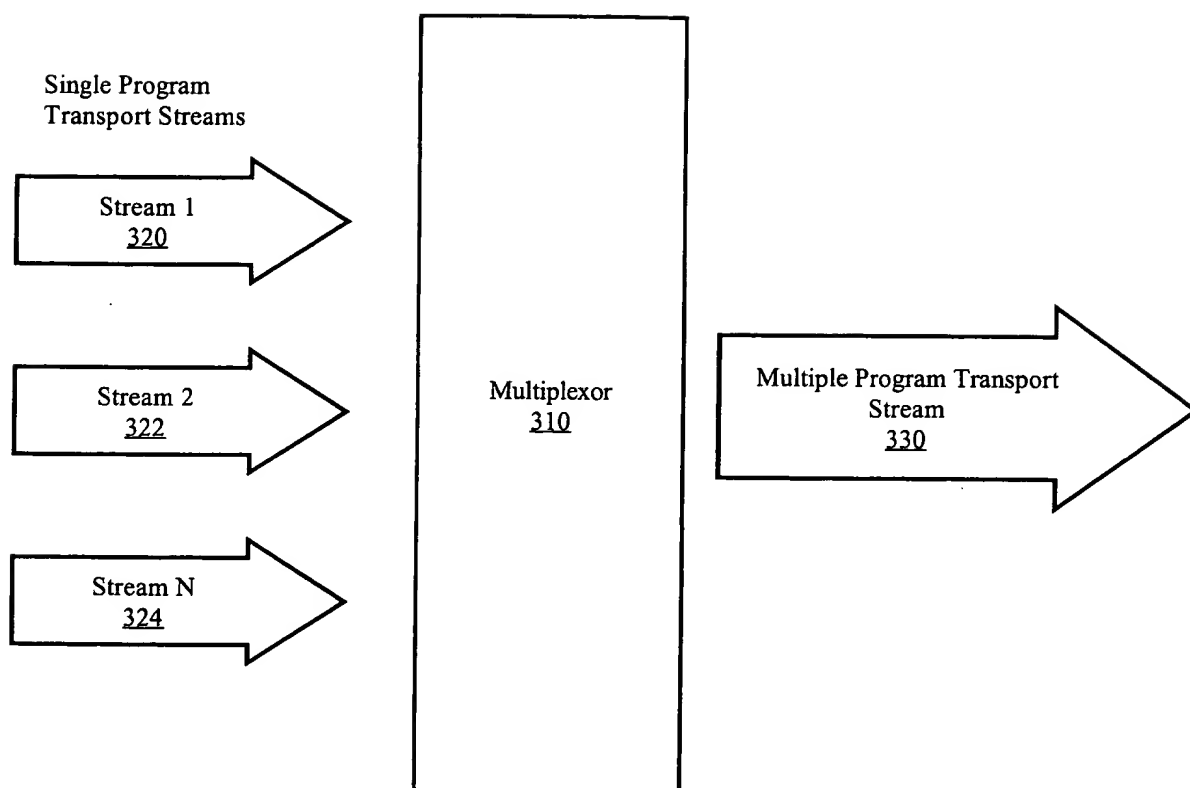


FIG. 3

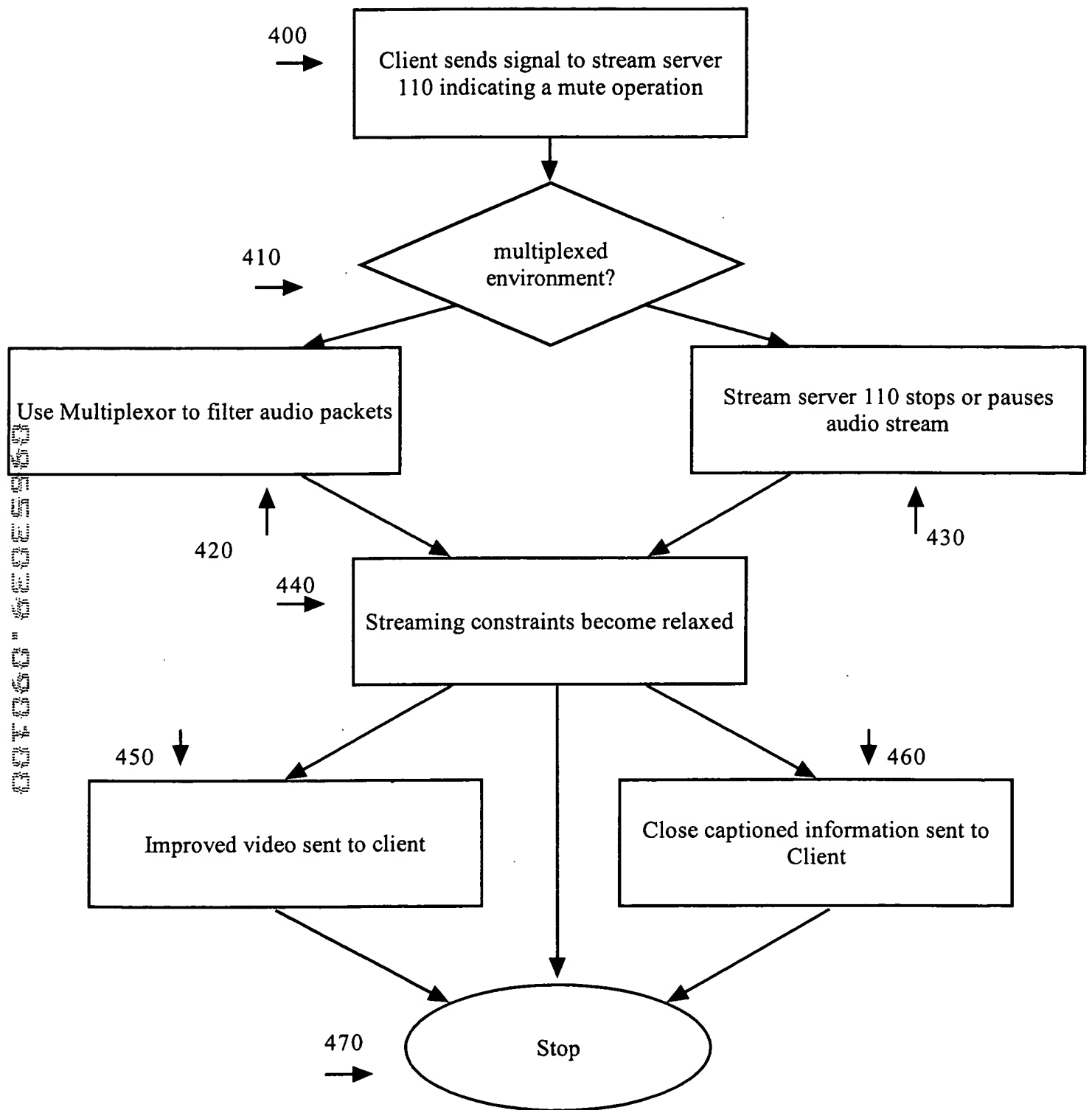


FIG. 4

005303-000000

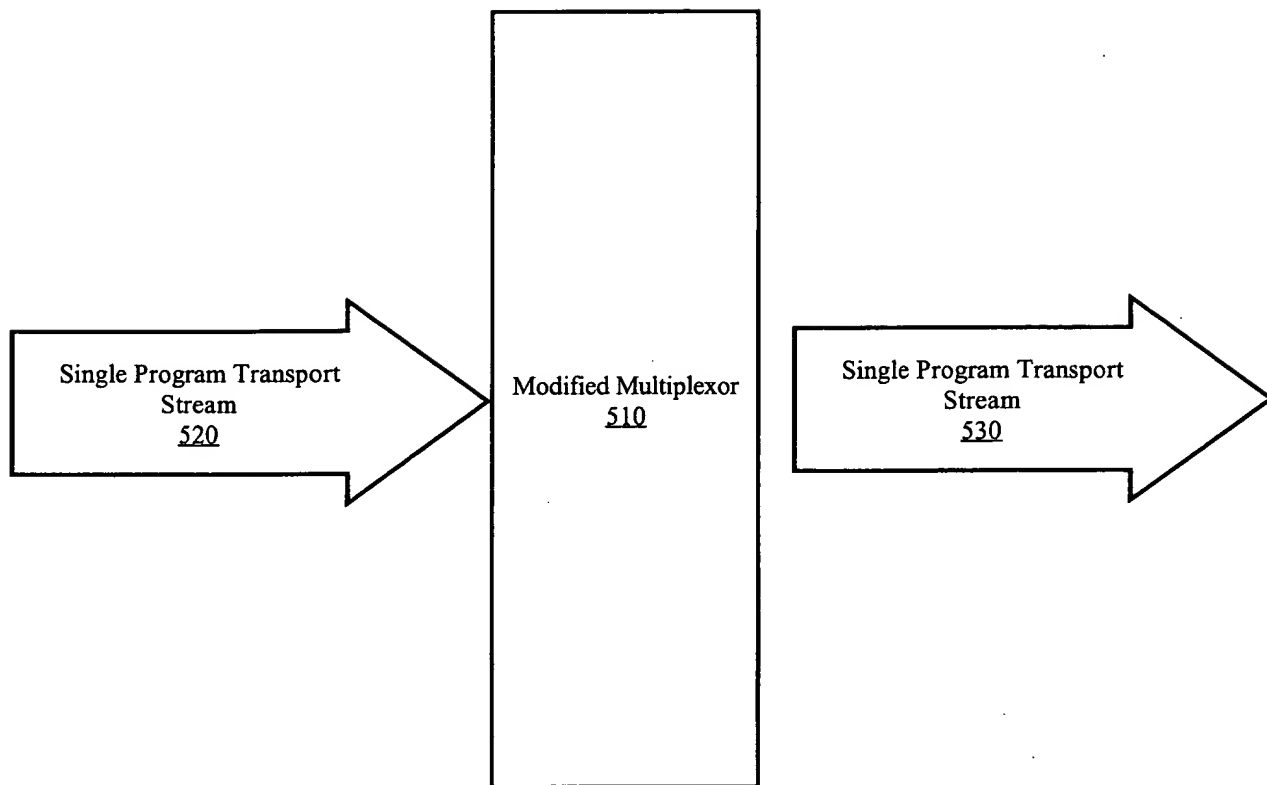


FIG. 5